

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-19 (canceled).

Claim 20 (currently amended): A stent comprising at least one strut, the at least one strut having a transverse cross section, the transverse cross section having a substantially flat top circumferential side and a substantially flat bottom circumferential side, ~~a curved right side and a curved left side wherein the top and bottom circumferential sides are substantially flat, and the joined together through~~ a substantially continuously curved left side and a substantially continuously curved right side ~~left and right sides are substantially curved~~.

Claim 21 (previously presented): The stent of claim 20 wherein the strut has a plurality of straight sections joined by a plurality of crown sections.

Claim 22 (previously presented): The stent of claim 20 wherein the strut is made of metal.

Claim 23 (previously presented): The stent of claim 22 wherein the strut is electro-polished.

Claim 24 (previously presented): The stent of claim 20 wherein the stent is fused to a second stent.

Claims 25-27 (cancelled).

Claim 28 (previously presented): The stent of claim 20 wherein the stent is self expanding.

Claim 29-30 (canceled).

Claim 31 (currently amended): A system for treating a vessel lumen comprising: a stent having a lumen therethrough; and

a catheter at least partially extending through the lumen;
the stent being fashioned from at least one strut, the at least one strut having a transverse cross section, the transverse cross section having a substantially flat top circumferential side and a substantially flat bottom circumferential side, ~~a right side and a left side, wherein the top and bottom circumferential sides are substantially flat, and the left and right sides are substantially curved~~ joined together through a substantially continuously curved left side and a substantially continuously curved right side.

Claim 32 (previously presented): The system of claim 31 wherein the catheter is a balloon catheter.

Claims 33-35 (canceled).

Claim 36 (previously presented): The system of claim 31 wherein the stent comprises a first stent section and a second stent section, the second stent section being coupled to the first stent section.

Claims 37-41 (canceled).

Claim 42 (currently amended): A stent comprising:

at least one strut having a transverse cross section, the transverse cross section having a substantially flat top side and a substantially flat bottom side, ~~and a right side and a left side joining the top and bottom sides, the top side being substantially flat and least one of said top and bottom sides being joined to at least one of said left and right sides through a~~ joined together through a smooth rounded left side and a smooth rounded right side edge.